

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122923\  
 Data File : BM043674.D  
 Acq On : 29 Dec 2023 13:47  
 Operator : MA/JU  
 Sample : 05920-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCF57

Quant Time: Dec 29 22:36:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM121523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 29 22:31:57 2023  
 Response via : Initial Calibration

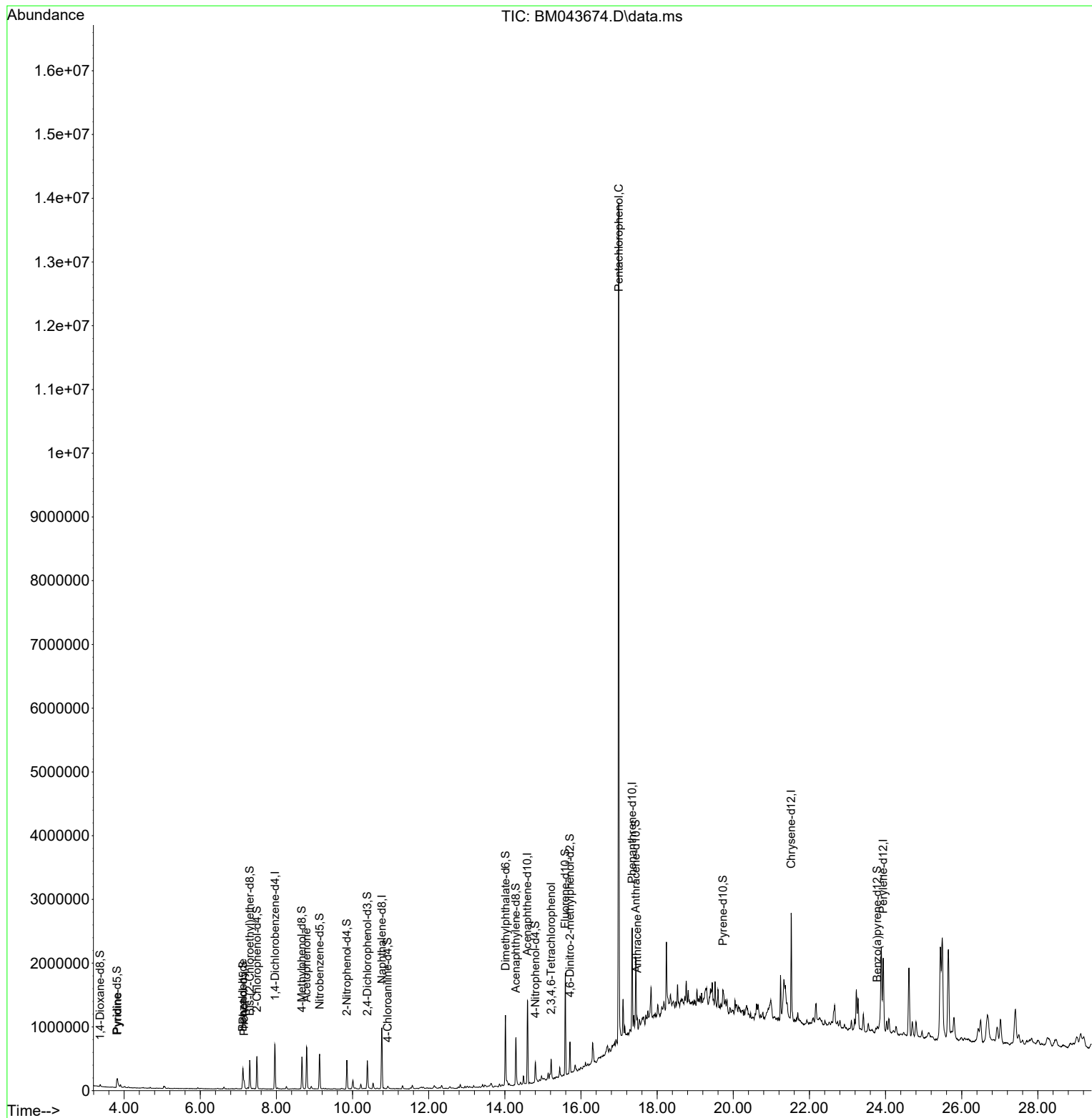
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.963  | 152  | 183072   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.769 | 136  | 788826   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.592 | 164  | 440820   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.345 | 188  | 868881   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.521 | 240  | 703083   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.938 | 264  | 788104   | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 16139    | 2.865   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.810  | 84   | 63132    | 3.894   | ng/u1  | 0.02     |
| 7) Phenol-d5                  | 7.122  | 99   | 164785   | 7.912   | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.298  | 67   | 207030   | 15.697  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.487  | 132  | 221596   | 13.936  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.669  | 113  | 185421   | 11.474  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.133  | 128  | 122025   | 15.989  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.851  | 143  | 131372   | 16.660  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.386 | 165  | 155187   | 11.148  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.922 | 131  | 29431    | 1.437   | ng/u1  | 0.01     |
| 46) Dimethylphthalate-d6      | 14.015 | 166  | 644491   | 16.241  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.292 | 160  | 480151   | 10.200  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.804 | 143  | 78205    | 10.412  | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.586 | 176  | 572731   | 17.454  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.710 | 200  | 78172    | 13.603  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.439 | 188  | 567442   | 11.645  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.727 | 212  | 130500   | 2.351   | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.780 | 264  | 57064    | 1.173   | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 5) Pyridine                   | 3.822  | 79   | 71849    | 4.286   | ng/u1  | 87       |
| 6) Benzaldehyde               | 7.110  | 77   | 16166    | 1.637   | ng/u1  | 90       |
| 8) Phenol                     | 7.151  | 94   | 69807    | 3.407   | ng/u1  | 98       |
| 16) Acetophenone              | 8.792  | 105  | 346320   | 13.997  | ng/u1  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.215 | 232  | 52651    | 6.779   | ng/u1# | 96       |
| 71) Pentachlorophenol         | 16.992 | 266  | 2118694  | 297.167 | ng/u1  | 99       |
| 74) Anthracene                | 17.474 | 178  | 101000   | 1.699   | ng/u1# | 92       |

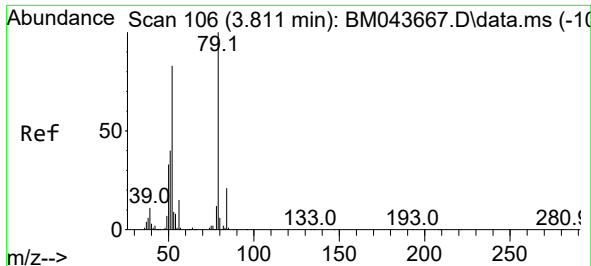
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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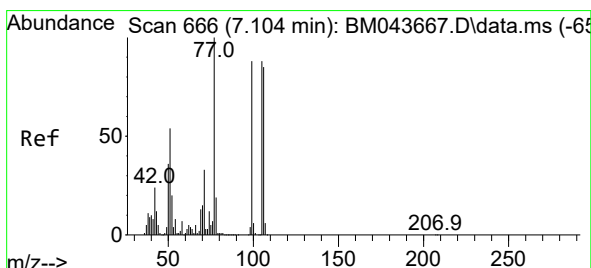
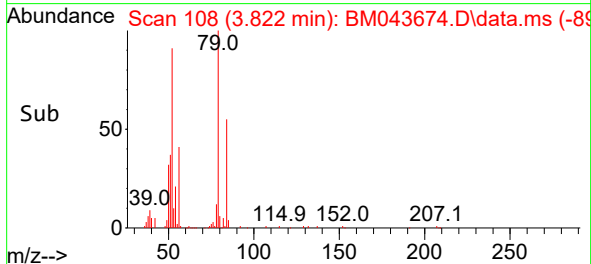
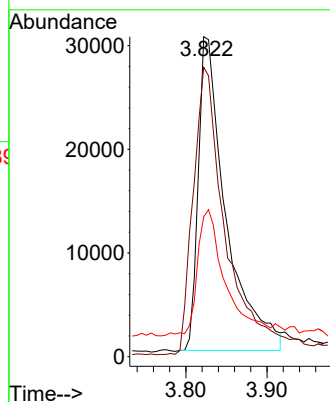
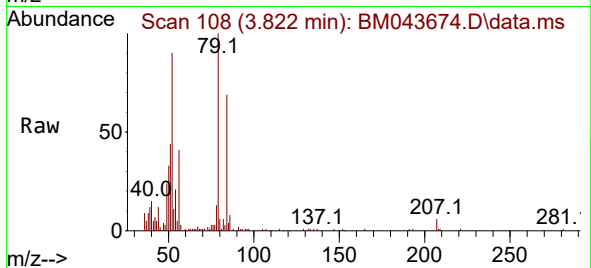




#5  
Pyridine  
Concen: 4.286 ng/ul  
RT: 3.822 min Scan# 106  
Delta R.T. 0.011 min  
Lab File: BM043674.D  
Acq: 29 Dec 2023 13:47

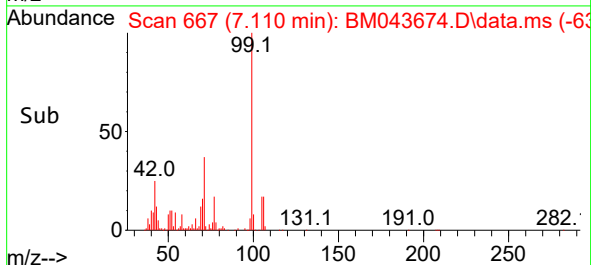
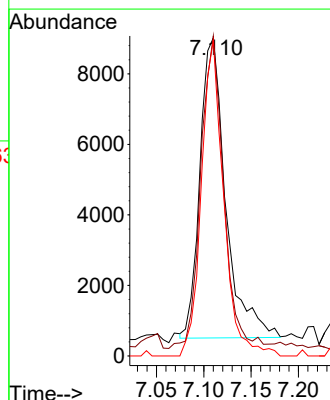
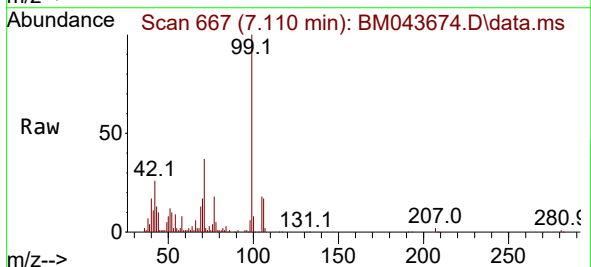
Instrument :  
BNA\_P  
ClientSampleId :  
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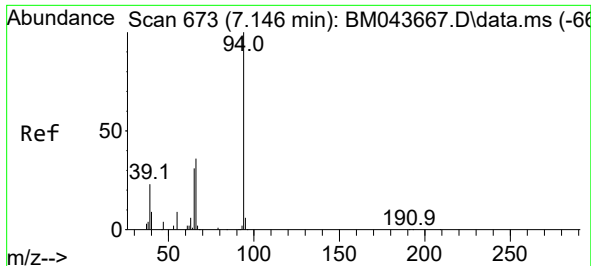
Tgt Ion: 79 Resp: 71849  
Ion Ratio Lower Upper  
79 100  
52 90.4 62.4 93.6  
51 43.7 30.6 45.8



#6  
Benzaldehyde  
Concen: 1.637 ng/ul  
RT: 7.110 min Scan# 667  
Delta R.T. 0.006 min  
Lab File: BM043674.D  
Acq: 29 Dec 2023 13:47

Tgt Ion: 77 Resp: 16166  
Ion Ratio Lower Upper  
77 100  
105 100.6 73.4 110.0  
106 99.2 71.4 107.0

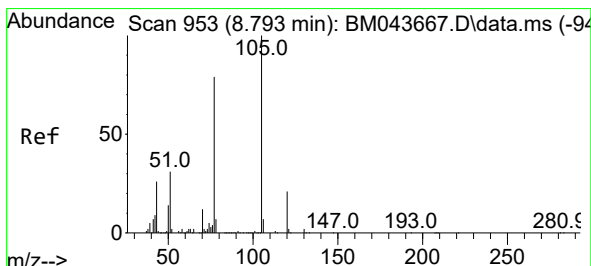
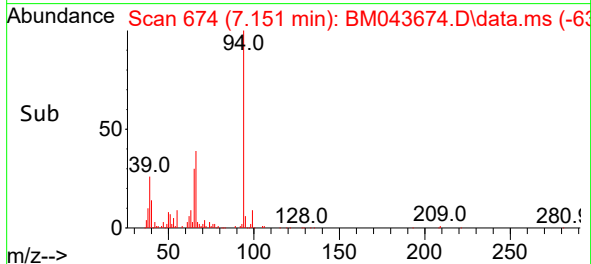
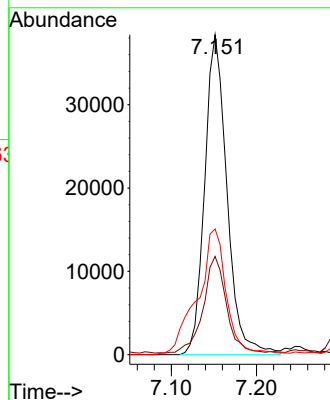
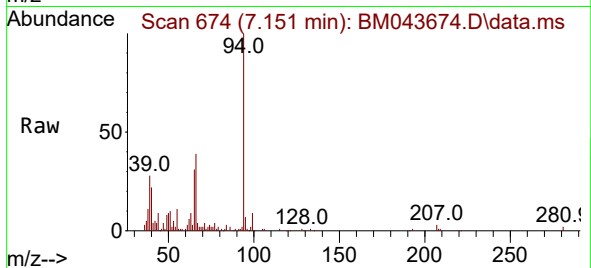




#8  
Phenol  
Concen: 3.407 ng/ul  
RT: 7.151 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM043674.D  
Acq: 29 Dec 2023 13:47

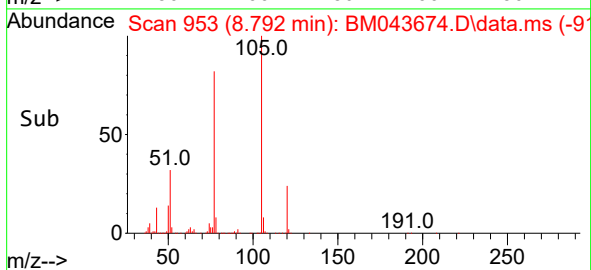
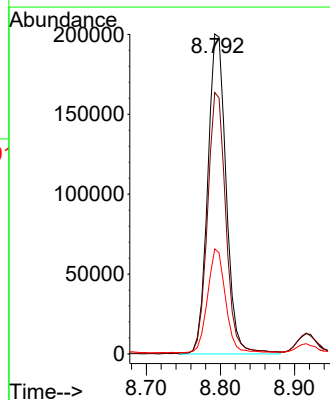
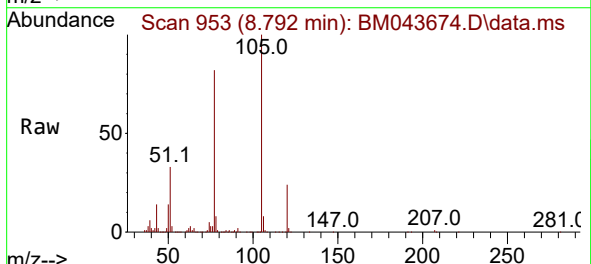
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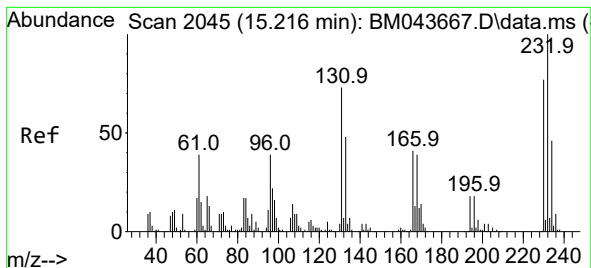
Tgt Ion: 94 Resp: 69807  
Ion Ratio Lower Upper  
94 100  
65 30.7 23.7 35.5  
66 39.3 30.2 45.4



#16  
Acetophenone  
Concen: 13.997 ng/ul  
RT: 8.792 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BM043674.D  
Acq: 29 Dec 2023 13:47

Tgt Ion: 105 Resp: 346320  
Ion Ratio Lower Upper  
105 100  
77 81.7 65.1 97.7  
51 32.9 24.3 36.5

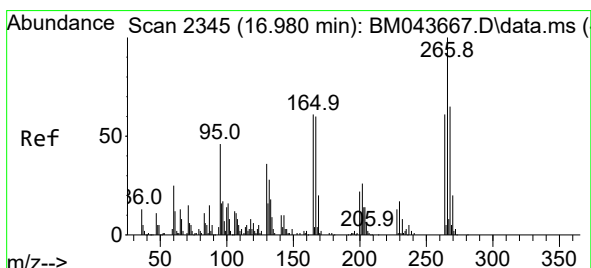
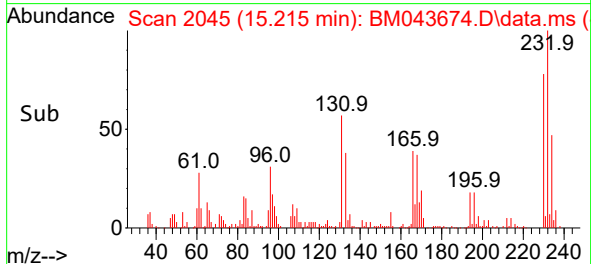
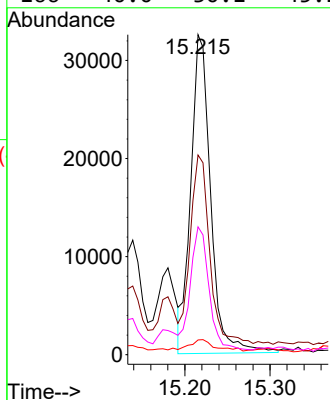
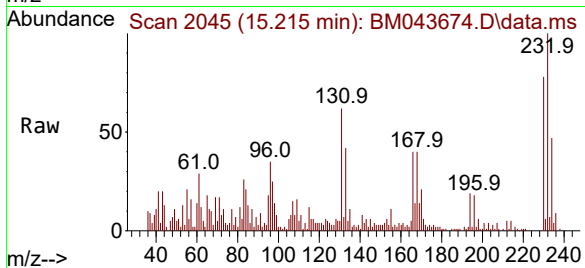




#58  
2,3,4,6-Tetrachlorophenol  
Concen: 6.779 ng/ul  
RT: 15.215 min Scan# 2045  
Delta R.T. -0.000 min  
Lab File: BM043674.D  
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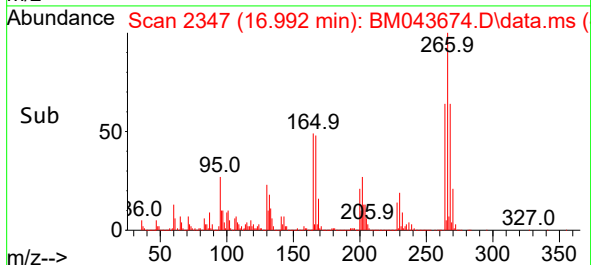
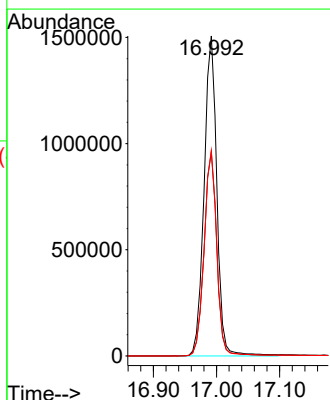
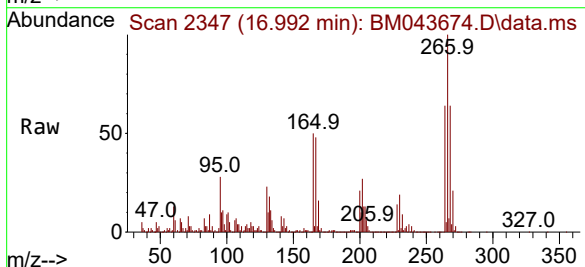
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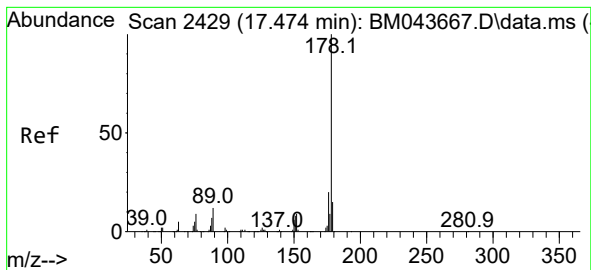
Tgt Ion:232 Resp: 52651  
Ion Ratio Lower Upper  
232 100  
131 62.4 47.4 71.0  
130 4.6 2.4 3.6#  
166 40.0 30.1 45.1



#71  
Pentachlorophenol  
Concen: 297.167 ng/ul  
RT: 16.992 min Scan# 2347  
Delta R.T. 0.012 min  
Lab File: BM043674.D  
Acq: 29 Dec 2023 13:47

Tgt Ion:266 Resp: 2118694  
Ion Ratio Lower Upper  
266 100  
264 63.6 49.9 74.9  
268 64.2 51.0 76.6





#74

Anthracene

Concen: 1.699 ng/ul

RT: 17.474 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM043674.D

Acq: 29 Dec 2023 13:47

Instrument :

BNA\_P

ClientSampleId :

GCF57

Tgt Ion:178 Resp: 101000

Ion Ratio Lower Upper

178 100

179 20.3 12.4 18.6#

176 21.1 15.2 22.8

